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OM protein - protein search, using SW model

Run on: March 7, 2005, 07:04:37 ; Search time 6.15929 Seconds  
(without alignments)  
702.945 Million cell updates/sec

Title: US-09-939-537-35

Perfect score: 288  
Sequence: 1 PRASALPAPPTGSALPDPTQ.....VISFLGLG/GVAVLARR 58

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PERTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfill1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

| Result No. | Score | Query Match | Length | DB ID                  | Description          |
|------------|-------|-------------|--------|------------------------|----------------------|
| 1          | 288   | 100.0       | 58     | 2 US-08-284-391B-35    | Sequence 35, App1    |
| 2          | 288   | 100.0       | 58     | 3 US-09-218-950-35     | Sequence 35, App1    |
| 3          | 288   | 100.0       | 58     | 4 US-08-394-388A-35    | Sequence 35, App1    |
| 4          | 284   | 98.6        | 240    | 4 US-09-997-165-2      | Sequence 2, App1     |
| 5          | 176   | 61.1        | 154    | 3 US-08-630-172-7      | Sequence 7, App1     |
| 6          | 176   | 61.1        | 154    | 3 US-09-375-419-7      | Sequence 7, App1     |
| 7          | 81.5  | 28.3        | 1149   | 3 US-08-560-005-5      | Sequence 5, App1     |
| 8          | 81.5  | 28.3        | 1149   | 3 US-09-418-540-5      | Sequence 5, App1     |
| 9          | 81.5  | 28.3        | 1149   | 4 US-09-969-528-5      | Sequence 5, App1     |
| 10         | 79.5  | 27.6        | 796    | 4 US-09-389-956-2      | Sequence 2, App1     |
| 11         | 79.5  | 27.6        | 801    | 4 US-09-949-016-6836   | Sequence 6836, App1  |
| 12         | 79.5  | 27.6        | 819    | 4 US-09-949-016-1155   | Sequence 1155, App1  |
| 13         | 77    | 26.7        | 517    | 4 US-09-270-767-45655  | Sequence 45655, App1 |
| 14         | 73    | 25.3        | 452    | 4 US-09-489-039A-12558 | Sequence 12558, App1 |
| 15         | 73    | 25.3        | 666    | 4 US-09-270-767-62249  | Sequence 62249, App1 |
| 16         | 73    | 25.3        | 721    | 4 US-09-370-767-46645  | Sequence 46645, App1 |
| 17         | 72    | 25.0        | 129    | 4 US-09-804-615-140    | Sequence 140, App1   |
| 18         | 70    | 24.3        | 162    | 4 US-09-252-991A-22151 | Sequence 22151, App1 |
| 19         | 69.5  | 24.1        | 174    | 4 US-09-248-796A-25211 | Sequence 25211, App1 |
| 20         | 69    | 24.0        | 405    | 1 US-08-351-473B-2     | Sequence 2, App1     |
| 21         | 68.5  | 23.8        | 352    | 4 US-09-902-540-14534  | Sequence 14534, App1 |
| 22         | 68.5  | 23.8        | 400    | 4 US-09-252-991A-22821 | Sequence 22821, App1 |
| 23         | 68.5  | 23.8        | 538    | 4 US-09-616-289-43     | Sequence 43, App1    |
| 24         | 68.5  | 23.8        | 4545   | 2 US-08-804-227C-14    | Sequence 14, App1    |
| 25         | 68.5  | 23.8        | 4550   | 2 US-08-804-227C-8     | Sequence 8, App1     |
| 26         | 68.5  | 23.8        | 4550   | 2 US-08-804-198-2      | Sequence 2, App1     |
| 27         | 68    | 23.6        | 195    | 4 US-09-252-991A-20967 | Sequence 20967, App1 |

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|----|------|------|------|------------------------|----------------------|
| 28 | 67   | 23.3 | 88   | 4 US-09-489-039A-13220 | Sequence 13220, App1 |
| 29 | 67   | 23.3 | 123  | 4 US-09-489-039A-7796  | Sequence 7796, App1  |
| 30 | 66.5 | 23.1 | 304  | 4 US-09-949-016-6824   | Sequence 6824, App1  |
| 31 | 66.5 | 23.1 | 312  | 4 US-09-949-016-7149   | Sequence 7149, App1  |
| 32 | 66.5 | 23.1 | 371  | 4 US-09-949-016-6816   | Sequence 6816, App1  |
| 33 | 66.5 | 23.1 | 390  | 4 US-09-949-016-8580   | Sequence 8580, App1  |
| 34 | 66.5 | 23.1 | 471  | 4 US-09-949-016-9525   | Sequence 9525, App1  |
| 35 | 66   | 22.9 | 266  | 4 US-09-489-847-332    | Sequence 332, App1   |
| 36 | 66   | 22.9 | 490  | 4 US-09-949-016-9466   | Sequence 9466, App1  |
| 37 | 66   | 22.9 | 506  | 4 US-09-902-540-14275  | Sequence 14275, App1 |
| 38 | 66   | 22.9 | 550  | 4 US-09-616-289-47     | Sequence 47, App1    |
| 39 | 65.5 | 22.7 | 170  | 4 US-09-252-991A-16705 | Sequence 16705, App1 |
| 40 | 65.5 | 22.7 | 3031 | 1 US-07-689-008-2      | Sequence 2, App1     |
| 41 | 65   | 22.6 | 262  | 4 US-08-311-731A-333   | Sequence 333, App1   |
| 42 | 65   | 22.6 | 670  | 4 US-09-252-991A-32445 | Sequence 32445, App1 |
| 43 | 65   | 22.6 | 979  | 4 US-09-538-092-990    | Sequence 990, App1   |
| 44 | 64.5 | 22.4 | 220  | 4 US-09-902-540-11127  | Sequence 11127, App1 |
| 45 | 64.5 | 22.4 | 328  | 4 US-09-270-767-33931  | Sequence 33931, App1 |

#### ALIGNMENTS

RESULT 1  
US-08-284-391B-35  
Sequence 35, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OR INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESS: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-284-391B-35

Query Match 100.0%; Score 288; DB 2; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 2

US-09-218-950-35  
Sequence 35, Application US/09218950  
Patent No. 6284240  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Ribling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218,950  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Ribling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-35

Query Match 100.0%; Score 288; DB 3; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 3

US-08-394-388A-35  
Sequence 35, Application US/08394388A  
Patent No. 6753162  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Ribling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Ribling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 58 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-394-388A-35

Query Match 100.0%; Score 288; DB 4; Length 58;  
Best Local Similarity 100.0%; Pred. No. 6.6e-25;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58  
DB 1 PRASALPAPPTGSALPDPTOTASALPDPPASALPALAVISFLGLGAGVACVLAARTR 58

## RESULT 4

US-09-997-165-2  
Sequence 2, Application US/09997165  
Patent No. 6762030  
GENERAL INFORMATION:  
APPLICANT: Lyman, Stewart D.  
APPLICANT: Fanslow, William C.  
TITLE OF INVENTION: LIGAND FOR CD7 AND METHODS OF USE THEREOF  
FILE REFERENCE: 2913-US

; CURRENT APPLICATION NUMBER: US/09/997,165  
 ; CURRENT FILING DATE: 2001-11-27  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14612  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: 60/136,450  
 ; PRIOR FILING DATE: 1999-05-28  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 2  
 ; LENGTH: 240  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-997-165-2

Query Match 98.6%; Score 284; DB 4; Length 240;  
 Best Local Similarity 98.3%; Pred. No. 9.3e-24;  
 Matches 57; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALPALAVISFLGLGAGVACVLAATR 58  
 Db 147 PRASALPAPPTGSALPDPTASALPDPPASALPALAVISFLGLGAGVACVLAATQ 204

RESULT 5  
 ; US-08-630-172-7  
 ; Sequence 7, Application US/08630172  
 ; Patent No. 6060054  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Staerz, Uwe  
 ; TITLE OF INVENTION: NOVEL PRODUCT AND PROCESS FOR T  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Sheridan Ross & McIntosh  
 ; STREET: 1700 Lincoln Street, 35th Floor  
 ; CITY: Denver  
 ; STATE: Colorado  
 ; COUNTRY: U.S.  
 ; ZIP: 80203  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/630,172  
 ; FILING DATE:  
 ; CLASSIFICATION: 514  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Connell, Gary J.  
 ; REGISTRATION NUMBER: 32,020  
 ; REFERENCE/DOCKET NUMBER: 2879-36  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (303) 863-9700  
 ; TELEFAX: (303) 863-0223  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 154 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-630-172-7

Query Match 61.1%; Score 176; DB 3; Length 154;  
 Best Local Similarity 100.0%; Pred. No. 4.1e-12;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALP 34  
 Db 121 PRASALPAPPTGSALPDPTASALPDPPASALP 154

RESULT 6

; US-09-375-419-7  
 ; Sequence 7, Application US/09375419  
 ; Patent No. 6264950  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Staerz, Uwe  
 ; TITLE OF INVENTION: NOVEL PRODUCT AND PROCESS FOR T  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Sheridan Ross & McIntosh  
 ; STREET: 1700 Lincoln Street, 35th Floor  
 ; CITY: Denver  
 ; STATE: Colorado  
 ; COUNTRY: U.S.  
 ; ZIP: 80203  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/375,419  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/630,172  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Connell, Gary J.  
 ; REGISTRATION NUMBER: 32,020  
 ; REFERENCE/DOCKET NUMBER: 2879-36  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (303) 863-9700  
 ; TELEFAX: (303) 863-0223  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 154 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-09-375-419-7

Query Match 61.1%; Score 176; DB 3; Length 154;  
 Best Local Similarity 100.0%; Pred. No. 4.1e-12;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 PRASALPAPPTGSALPDPTASALPDPPASALP 34  
 Db 121 PRASALPAPPTGSALPDPTASALPDPPASALP 154

RESULT 7  
 ; US-08-560-005-5  
 ; Sequence 5, Application US/08560005  
 ; Patent No. 6001354  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pot, David A.  
 ; APPLICANT: Williams, Lewis T.  
 ; APPLICANT: Jefferson, Anne Bennett  
 ; APPLICANT: Majerus, Philip W.  
 ; TITLE OF INVENTION: No. 6001354el Grb2 Associating Protein and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding Therefor  
 ; NUMBER OF SEQUENCES: 10  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESS: Townsend and Townsend and Crew  
 ; STREET: One Market Plaza, Steuart Tower, Suite 2000  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94105  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/560,005  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Dow, Karen B.  
REGISTRATION NUMBER: 29,684  
REFERENCE/DOCKET NUMBER: 2307K-0624000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2422  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1149 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Region  
LOCATION: 1..1149  
OTHER INFORMATION: /note= "51c"  
US-08-560-005-5

Query Match 28.3%; Score 81.5; DB 3; Length 1149;  
Best Local Similarity 45.0%; Pred. No. 1;  
Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;

QY 1 PRASALPA--PPTG--SALPDPTASALPDPPASALPALAVIS--FLIG-LGLGVACV 53  
DB 78 PRALAPPALPPTGSSPLPAPT---PTAPASASAPNGLSVSHDYKSGYGLDLNAV 133

RESULT 8  
US-09-418-540-5  
Sequence 5, Application US/09418540  
Patent No. 6296848  
GENERAL INFORMATION:  
APPLICANT: Pot, David A.  
APPLICANT: Williams, Lewis T.  
APPLICANT: Jefferson, Anne Bennett  
APPLICANT: Majerus, Philip W.  
TITLE OF INVENTION: No. 6296848el Grb2 Associating Protein and Nucleic  
TITLE OF INVENTION: Acids Encoding Therefor  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Stewart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/418,540  
FILING DATE: 14-OCT-1999  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/560,005  
FILING DATE: 17-NOV-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Dow, Karen B.  
REGISTRATION NUMBER: 29,684  
REFERENCE/DOCKET NUMBER: 2307K-0624000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2422  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
LENGTH: 1149 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Region  
LOCATION: 1..1149  
OTHER INFORMATION: /note= "51c"  
US-09-418-540-5

Query Match 28.3%; Score 81.5; DB 3; Length 1149;  
Best Local Similarity 45.0%; Pred. No. 1;  
Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;

QY 1 PRASALPA--PPTG--SALPDPTASALPDPPASALPALAVIS--FLIG-LGLGVACV 53  
DB 78 PRALAPPALPPTGSSPLPAPT---PTAPASASAPNGLSVSHDYKSGYGLDLNAV 133

RESULT 9  
US-09-969-528-5  
Sequence 5, Application US/09969528  
Patent No. 6472197  
GENERAL INFORMATION:  
APPLICANT: Pot, David A.  
APPLICANT: Williams, Lewis T.  
APPLICANT: Jefferson, Anne Bennett  
APPLICANT: Majerus, Philip W.  
TITLE OF INVENTION: No. 6472197el Grb2 Associating Protein and Nucleic  
TITLE OF INVENTION: Acids Encoding Therefor  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Stewart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/969,528  
FILING DATE: 01-Oct-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/560,005  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Dow, Karen B.  
REGISTRATION NUMBER: 29,684  
REFERENCE/DOCKET NUMBER: 2307K-0624000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2422  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1149 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Region  
LOCATION: 1..1149  
OTHER INFORMATION: /note= "51c"  
US-09-969-528-5

Query Match 28.3%; Score 81.5; DB 4; Length 1149;  
Best Local Similarity 45.0%; Pred. No. 1;

Matches 27; Conservative 6; Mismatches 16; Indels 11; Gaps 5;  
QY 1 PRASALPA--PTG--SALPDQTASALPDPASALPALAVIS--FLIG-LGIGVACV 53  
DB 78 PRALAPPAFLPFGSSFLPAFET---PTAPAAASAPNGLSTVSHYLGSGIDLEAV 133

RESULT 10  
US-09-389-956-2  
; Sequence 2, Application US/09389956  
; Patent No. 6586579  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Shi  
; TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,  
; TITLE OF INVENTION: Antibodies and Methods  
; FILE REFERENCE: P-LJ 3611  
; CURRENT APPLICATION NUMBER: US/09/389,956  
; CURRENT FILING DATE: 1999-09-03  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: Patent Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 796  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-389-956-2

Query Match 27.6%; Score 79.5; DB 4; Length 796;  
Best Local Similarity 43.4%; Pred. No. 1.1;  
Matches 23; Conservative 9; Mismatches 14; Indels 7; Gaps 3;

QY 6 LPAPPTGSALPDQTASALPD-PPAASALPALAVISFLIGLGL---GVACVL 54  
DB 31 LAASPTHSALPAGLPVAINLGPSSLSLPSAL---SIMLPMGIGRGVWCGL 80

RESULT 11  
US-09-949-016-6836  
; Sequence 6836, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 6836  
; LENGTH: 801  
; TYPE: PRT  
; ORGANISM: Human  
US-09-949-016-6836

Query Match 27.6%; Score 79.5; DB 4; Length 801;  
Best Local Similarity 43.4%; Pred. No. 1.1;  
Matches 23; Conservative 9; Mismatches 14; Indels 7; Gaps 3;

QY 6 LPAPPTGSALPDQTASALPD-PPAASALPALAVISFLIGLGL---GVACVL 54  
DB 36 LAASPTHSALPAGLPVAINLGPSSLSLPSAL---SIMLPMGIGRGVWCGL 85

RESULT 12  
US-09-949-016-11155  
; Sequence 1155, Application US/09949016  
; Patent No. 6812339

; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1155  
; LENGTH: 819  
; TYPE: PRT  
; ORGANISM: Human  
US-09-949-016-11155

Query Match 27.6%; Score 79.5; DB 4; Length 819;  
Best Local Similarity 43.4%; Pred. No. 1.1;  
Matches 23; Conservative 9; Mismatches 14; Indels 7; Gaps 3;

QY 6 LPAPPTGSALPDQTASALPD-PPAASALPALAVISFLIGLGL---GVACVL 54  
DB 54 LAASPTHSALPAGLPVAINLGPSSLSLPSAL---SIMLPMGIGRGVWCGL 103

RESULT 13  
US-09-270-767-45655  
; Sequence 45655, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: Patent Ver. 2.0  
; SEQ ID NO 45655  
; LENGTH: 517  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
US-09-270-767-45655

Query Match 26.7%; Score 77; DB 4; Length 517;  
Best Local Similarity 35.5%; Pred. No. 1.3;  
Matches 22; Conservative 6; Mismatches 26; Indels 8; Gaps 1;

QY 3 ASALPAPPTGSALPDQTASALPD-----PPAASALPALAVISFLIGLIGVACVL 54  
DB 176 AAAPAPAAAPAPAPAAAPAAASPPPPPPAPAAAPAAAPAAAGTRVYASPM 235

QY 55 AR 56  
DB 236 AK 237

RESULT 14  
US-09-489-039A-12558  
; Sequence 12558, Application US/09489039A  
; Patent No. 6610836  
; GENERAL INFORMATION:  
; APPLICANT: Gary Breton et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA  
; FILE REFERENCE: PNEUMONIA FOR DIAGNOSTICS AND THERAPEUTICS  
; CURRENT APPLICATION NUMBER: US/09/489,039A  
; CURRENT FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29  
NUMBER OF SEQ ID NOS: 14342  
SEQ ID NO 12558  
LENGTH: 452  
TYPE: PRT  
ORGANISM: Klebsiella pneumoniae  
US-09-489-039A-12558

Query Match 25.3%; Score 73; DB 4; Length 452;  
Best Local Similarity 47.5%; Pred. No. 3;  
Matches 19; Conservative 4; Mismatches 15; Indels 2; Gaps 1;

Qy 12 GSALPPDPTASALPPDPTASALPPALAVSFILGLGLGVA 51  
Db 120 GHAGPDPTESLIGAPIATGALPGILAL--ILGLAGVLS 157

## RESULT 15

US-09-270-767-62249  
Sequence 62249, Application US/09270767  
Patent No. 6703491  
GENERAL INFORMATION:  
APPLICANT: Homburger et al.  
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
FILE REFERENCE: File Reference: 7326-094  
CURRENT APPLICATION NUMBER: US/09/270,767  
CURRENT FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 62517  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 62249  
LENGTH: 666  
TYPE: PRT  
ORGANISM: Drosophila melanogaster  
US-09-270-767-62249

Query Match 25.3%; Score 73; DB 4; Length 666;  
Best Local Similarity 42.9%; Pred. No. 4.7;  
Matches 15; Conservative 5; Mismatches 9; Indels 6; Gaps 1;

Qy 1 PRASALPAPPTGSAALPPDPTASALPPDPTASALPA 35  
Db 125 PVSTPVPIPTATATPP-----PPPPPTALPA 153

Search completed: March 7, 2005, 07:22:55  
Job time : 7.15929 secs